

# Web Development Code Challenge

We would like you to please make a simple registration form web page. Please refrain from using any 3rd party libraries. We have included a simple node.js web service to use for one of the page elements. Instructions for setting up the simulated backend can be found in the included README file. Your registration form should contain the following elements:

1. A required field for the user to provide their full name.
  - 1.1. It should be restricted to a maximum of 100 characters.
  - 1.2. It should only allow alpha characters, spaces, hyphens, and apostrophes (a simple subset for purposes of this demonstration)
  - 1.3. If it doesn't validate, place a red error message near the name field.
2. A required field for the user to provide their email address.
  - 2.1. Validate that the email address is of the correct format.
3. An optional field for the user to select a person from a list that referred them.
  - 3.1. On page load, populate the list of people from a call to the provided web service (<http://localhost:3000/users>)
  - 3.2. Sort the list of people alphabetically by their last name which appears in the "name" attribute of the returned JSON objects.
  - 3.3. Use the "name" attribute as the display that the user will use to select.
  - 3.4. Use the associated "id" attribute as the value submitted by the registration form.
  - 3.5. Provide an option to choose "other". If a user selects "other", insert a labeled field for the user to enter the name of the person who referred them.
  - 3.6. The inserted "other" referrer field should behave the same way as the name field from item 1.
4. A submit button.

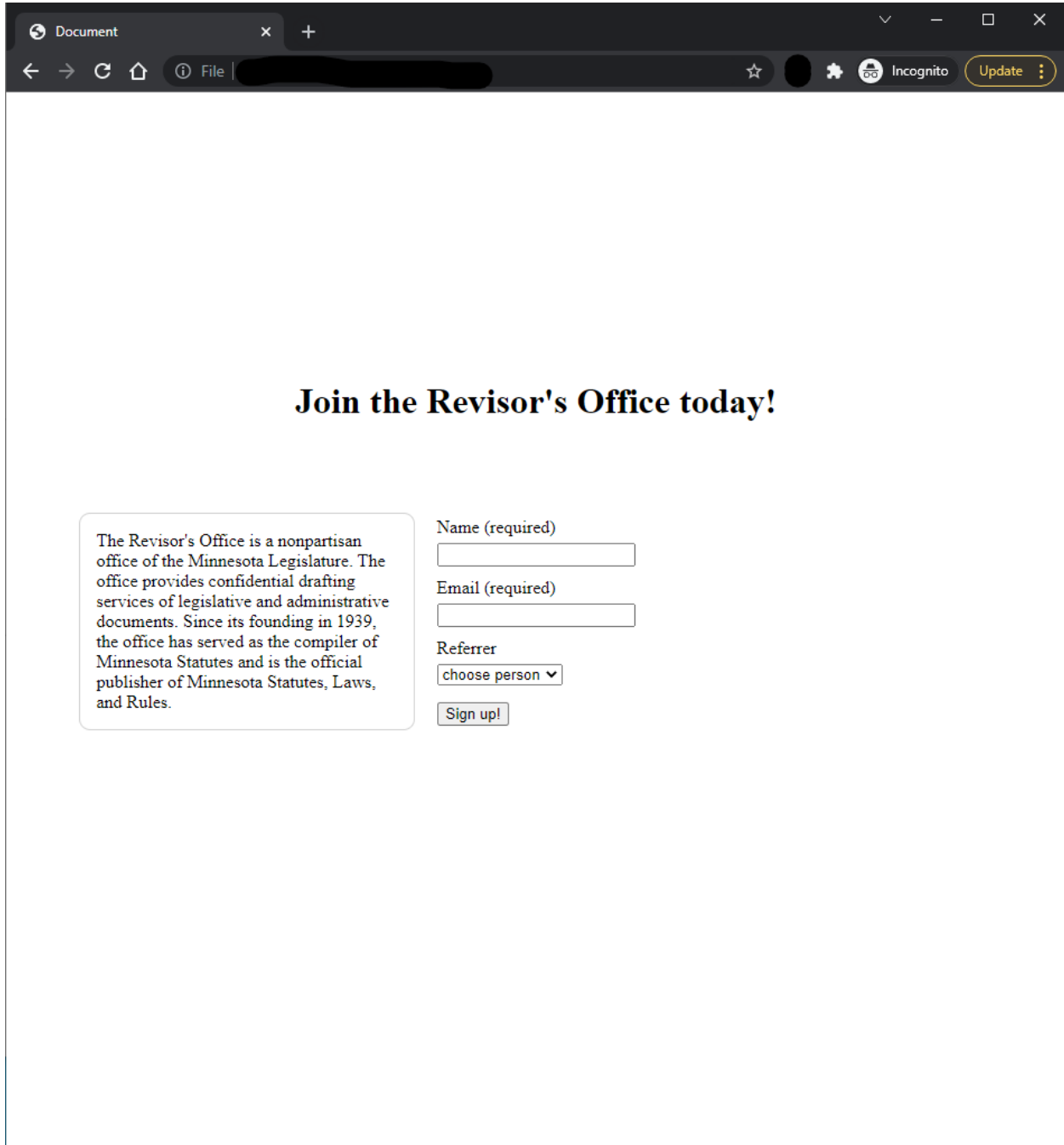
The form should submit a POST request to <http://localhost:3000/submit>. The POST request should have the following POST parameters:

1. `name` containing the user's name
2. `email` containing the user's email address
3. `referrer` containing the id number of the person that referred the user

## Design

A very simple design is required. Shown below is the basic form design to replicate. Since this isn't a typing test, the left column contains this text:

The Revisor's Office is a nonpartisan office of the Minnesota Legislature. The office provides confidential drafting services of legislative and administrative documents. Since its founding in 1939, the office has served as the compiler of Minnesota Statutes and is the official publisher of Minnesota Statutes, Laws, and Rules.



The screenshot shows a web browser window with a dark theme. The address bar shows 'File' and 'Incognito' mode. The main content area features a heading 'Join the Revisor's Office today!' in a bold, serif font. Below the heading is a form with two columns. The left column contains a text box with the following text: 'The Revisor's Office is a nonpartisan office of the Minnesota Legislature. The office provides confidential drafting services of legislative and administrative documents. Since its founding in 1939, the office has served as the compiler of Minnesota Statutes and is the official publisher of Minnesota Statutes, Laws, and Rules.' The right column contains three input fields: 'Name (required)' with a text input, 'Email (required)' with a text input, and 'Referrer' with a dropdown menu showing 'choose person'. Below these fields is a 'Sign up!' button.

### Join the Revisor's Office today!

The Revisor's Office is a nonpartisan office of the Minnesota Legislature. The office provides confidential drafting services of legislative and administrative documents. Since its founding in 1939, the office has served as the compiler of Minnesota Statutes and is the official publisher of Minnesota Statutes, Laws, and Rules.

Name (required)

Email (required)

Referrer

## Submission Format

Please include all code for evaluation in the `revisor-code-challenge` directory. Your form page should be located in the root `revisor-code-challenge` directory with a filename of `index.html`. We'll evaluate the page's functionality by simply opening that HTML page in a web browser. Compress the folder and attach it to your response email.